

GenCore version 5.1.4.p5_4578
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OM protein - protein search, using sw model

Run on: April 27, 2003, 14:44:58 ; Search time 26 Seconds
(without alignments)
637.957 Million cell updates/sec

Title: US-09-836-960-5
Perfect score: 1097
Sequence: 1 MYSAPSACTCICLHFLILCF.....PFKYTVTKRSRRIRPTHPA 207

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 301932 segs, 80129803 residues

Total number of hits satisfying chosen parameters: 301932

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1097	100.0	207	US-10-131-965-14	Sequence 14, Appl
2	1097	100.0	207	US-10-081-347-2	Sequence 2, Appl
3	1097	100.0	207	US-09-822-485-21	Sequence 21, Appl
4	1097	100.0	207	US-09-822-485-21	Sequence 21, Appl
5	1085	98.9	207	US-09-820-596-2	Sequence 15, Appl
6	1081	98.5	207	US-10-081-347-39	Sequence 39, Appl
7	1081	98.5	207	US-09-820-596-5	Sequence 5, Appl
8	712	64.9	137	US-09-901-938-28	Sequence 28, Appl
9	596	54.3	215	US-09-251-263-6	Sequence 6, Appl
10	591	53.9	215	US-09-820-596-11	Sequence 11, Appl
11	591	53.9	215	US-09-425-021-16	Sequence 16, Appl
12	591	53.9	215	US-09-749-728B-63	Sequence 63, Appl
13	571	52.1	220	US-09-822-485-20	Sequence 20, Appl
14	567.5	51.7	205	US-09-905-291A-23	Sequence 23, Appl
15	567.5	51.7	205	US-10-066-500-99	Sequence 99, Appl
16	567.5	51.7	205	US-09-902-853-23	Sequence 23, Appl
17	567.5	51.7	205	US-09-907-824-23	Sequence 23, Appl
18	567.5	51.7	205	US-09-907-841-23	Sequence 23, Appl
19	567.5	51.7	205	US-09-904-011-23	Sequence 23, Appl

20	567.5	51.7	205	US-10-028-072-274	Sequence 274, App
21	567.5	51.7	205	US-09-906-742-23	Sequence 23, Appl
22	567.5	51.7	205	US-10-121-049-274	Sequence 274, App
23	567.5	51.7	205	US-10-123-904-274	Sequence 274, App
24	567.5	51.7	205	US-10-140-470-274	Sequence 274, App
25	567.5	51.7	205	US-09-906-838-23	Sequence 23, Appl
26	567.5	51.7	205	US-09-907-613-23	Sequence 23, Appl
27	567.5	51.7	205	US-09-907-942-23	Sequence 23, Appl
28	567.5	51.7	205	US-10-175-746-274	Sequence 274, App
29	567.5	51.7	205	US-10-176-918-274	Sequence 274, App
30	567.5	51.7	205	US-10-176-921-274	Sequence 274, App
31	567.5	51.7	205	US-10-002-796-99	Sequence 99, Appl
32	567.5	51.7	205	US-10-066-273-99	Sequence 99, Appl
33	567.5	51.7	205	US-10-066-194-99	Sequence 99, Appl
34	567.5	51.7	205	US-10-137-865-274	Sequence 274, App
35	567.5	51.7	205	US-10-140-474-274	Sequence 274, App
36	567.5	51.7	205	US-09-904-820-23	Sequence 23, Appl
37	567.5	51.7	205	US-09-904-859-23	Sequence 23, Appl
38	567.5	51.7	205	US-09-909-204-23	Sequence 23, Appl
39	567.5	51.7	205	US-10-142-431-274	Sequence 274, App
40	567.5	51.7	205	US-10-143-114-274	Sequence 274, App
41	567.5	51.7	205	US-09-904-786-23	Sequence 23, Appl
42	567.5	51.7	205	US-09-906-646-23	Sequence 23, Appl
43	567.5	51.7	205	US-09-906-700-23	Sequence 23, Appl
44	567.5	51.7	205	US-10-066-269-99	Sequence 99, Appl
45	567.5	51.7	205	US-10-140-002-274	Sequence 274, App

ALIGNMENTS

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RESULT 1
US-10-131-965-14
; Sequence 14, Application US/10131965
; Patent No. US20020165160A1
; GENERAL INFORMATION:
; APPLICANT: Whitehouse, Martha J.
; APPLICANT: Kavanaugh, Michael W.
; TITLE OF INVENTION: Angiogenically Effective Unit Dose of FGF and Method of
; FILE REFERENCE: 1296/121690S05
; CURRENT APPLICATION NUMBER: US/10/131,965
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US/09/417,721
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/104,103
; PRIOR FILING DATE: 1998-10-13
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 14
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Human FGF-98
US-10-131-965-14

Query Match      100.0%: Score 1097: DB 9: Length 207:
Best Local Similarity 100.0%: Pred. No. 1.1e-102:
Matches 207: Conservative 0: Mismatches 0: Indels 0: Gaps 0:
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QY	1	MYSAPSACTCICLHFLILCFQVOVLVAEENVDRIHENTRRADDVSRKQLRLYQLYSR	60
DB	1	MYSAPSACTCICLHFLILCFQVOVLVAEENVDRIHENTRRADDVSRKQLRLYQLYSR	60
QY	61	TSCKHIOVLGRISANGEDDKYAQLLVETDFGSOVRIKGTETFLCNRRGKLVGKP	120
DB	61	TSCKHIOVLGRISANGEDDKYAQLLVETDFGSOVRIKGTETFLCNRRGKLVGKP	120
QY	121	DGTSKCEVFELEKLENNYATLMSAKYSGWVGFTKKGRPKGKTRPNODDVHMKRYPK	180
DB	121	DGTSKCEVFELEKLENNYATLMSAKYSGWVGFTKKGRPKGKTRPNODDVHMKRYPK	180
QY	181	GPELOKPFKYTVTKRSRRIRPTHPA 207	

Db 181 GQPELOKPKYTTVTKRRIPTHPA 207

RESULT 2

US-10-081-347-2

Sequence 2, Application US/10081347

Publication No. US2003008351A1

GENERAL INFORMATION:

APPLICANT: Deisher, Theresa A.

APPLICANT: Conklin, Darrell C.

APPLICANT: Raymond, Penella

APPLICANT: Bukowski, Thomas R.

APPLICANT: Holderman, Susan D.

APPLICANT: Hansen, Birgit

APPLICANT: Sheppard, Paul O.

TITLE OF INVENTION: NOVEL FGF HOMOLOGS

FILE REFERENCE: 96-20C1

CURRENT APPLICATION NUMBER: US/10/081,347

CURRENT FILING DATE: 2002-02-21

PRIOR APPLICATION NUMBER: US/09/229,947

PRIOR FILING DATE: 1999-01-13

NUMBER OF SEQ ID NOS: 43

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 2

LENGTH: 207

TYPE: PRT

ORGANISM: Homo sapiens

US-10-081-347-2

Query Match

Best Local Similarity 100.0%; Score 1097; DB 9; Length 207;

Matches 207; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MYSAPSACTCLCHFLILCFQOVVLAENVDFRIHVENQTRARDVSRKQLRLYOLYSR 60

Db 1 MYSAPSACTCLCHFLILCFQOVVLAENVDFRIHVENQTRARDVSRKQLRLYOLYSR 60

QY 61 TSGKHIQVIGRRISARGEGDGYAQLLVETDIFGSOVRIRKGETEYLLCMNRKGLVGRP 120

Db 61 TSGKHIQVIGRRISARGEGDGYAQLLVETDIFGSOVRIRKGETEYLLCMNRKGLVGRP 120

QY 121 DGTSGKECVFIEKYLENNYATALMSAKYSGWVGFTKKGRPRKGPRTRENOQDVHFMRKRYK 180

Db 121 DGTSGKECVFIEKYLENNYATALMSAKYSGWVGFTKKGRPRKGPRTRENOQDVHFMRKRYK 180

QY 181 GQPELOKPKYTTVTKRRIPTHPA 207

Db 181 GQPELOKPKYTTVTKRRIPTHPA 207

RESULT 3

US-09-822-485-21

Sequence 21, Application US/09822485

Patent No. US20020001825A1

GENERAL INFORMATION:

APPLICANT: Itoh, No. US20020001825A1uyuki

TITLE OF INVENTION: NO. US20020001825A1el Fibroblast Growth Factor-Like Polypeptides

FILE REFERENCE: 08035, 0001-01000

CURRENT APPLICATION NUMBER: US/09/822,485

CURRENT FILING DATE: 2001-04-02

NUMBER OF SEQ ID NOS: 35

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 21

LENGTH: 207

TYPE: PRT

ORGANISM: Homo sapiens

US-09-822-485-21

Query Match

Best Local Similarity 100.0%; Score 1097; DB 10; Length 207;

Matches 207; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MYSAPSACTCLCHFLILCFQOVVLAENVDFRIHVENQTRARDVSRKQLRLYOLYSR 60

Db 1 MYSAPSACTCLCHFLILCFQOVVLAENVDFRIHVENQTRARDVSRKQLRLYOLYSR 60

QY 61 TSGKHIQVIGRRISARGEGDGYAQLLVETDIFGSOVRIRKGETEYLLCMNRKGLVGRP 120

Db 61 TSGKHIQVIGRRISARGEGDGYAQLLVETDIFGSOVRIRKGETEYLLCMNRKGLVGRP 120

QY 121 DGTSGKECVFIEKYLENNYATALMSAKYSGWVGFTKKGRPRKGPRTRENOQDVHFMRKRYK 180

Db 121 DGTSGKECVFIEKYLENNYATALMSAKYSGWVGFTKKGRPRKGPRTRENOQDVHFMRKRYK 180

QY 181 GQPELOKPKYTTVTKRRIPTHPA 207

Db 181 GQPELOKPKYTTVTKRRIPTHPA 207

RESULT 4

US-09-284-663A-15

Sequence 15, Application US/09284663A

Patent No. US20020012961A1

GENERAL INFORMATION:

APPLICANT: Botstein, David A.

APPLICANT: Goddard, Audrey

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Roy, Margaret Ann

APPLICANT: Lawrence, David A.

TITLE OF INVENTION: Fibroblast Growth Factor-19

FILE REFERENCE: P1219R1(e)

CURRENT APPLICATION NUMBER: US/09/284,663A

CURRENT FILING DATE: 1999-04-15

NUMBER OF SEQ ID NOS: 30

SEQ ID NO 15

LENGTH: 207

TYPE: PRT

ORGANISM: Homo sapiens

US-09-284-663A-15

Query Match

Best Local Similarity 100.0%; Score 1097; DB 10; Length 207;

Matches 207; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MYSAPSACTCLCHFLILCFQOVVLAENVDFRIHVENQTRARDVSRKQLRLYOLYSR 60

Db 1 MYSAPSACTCLCHFLILCFQOVVLAENVDFRIHVENQTRARDVSRKQLRLYOLYSR 60

QY 61 TSGKHIQVIGRRISARGEGDGYAQLLVETDIFGSOVRIRKGETEYLLCMNRKGLVGRP 120

Db 61 TSGKHIQVIGRRISARGEGDGYAQLLVETDIFGSOVRIRKGETEYLLCMNRKGLVGRP 120

QY 121 DGTSGKECVFIEKYLENNYATALMSAKYSGWVGFTKKGRPRKGPRTRENOQDVHFMRKRYK 180

Db 121 DGTSGKECVFIEKYLENNYATALMSAKYSGWVGFTKKGRPRKGPRTRENOQDVHFMRKRYK 180

QY 181 GQPELOKPKYTTVTKRRIPTHPA 207

Db 181 GQPELOKPKYTTVTKRRIPTHPA 207

RESULT 5

US-09-820-596-2

Sequence 2, Application US/09820596

Publication No. US20030022170A1

GENERAL INFORMATION:

APPLICANT: Khodadoust, Mehran Mohammad

TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTORS AND THERAPEUTIC AND DIAGNOSTIC USES THEREFOR

NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:

ADDRESSEE: FOLEY, HOAG & ELIOT LLP

STREET: One Post Office Square

CITY: Boston

STATE: MA

COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/820,596
FILING DATE: 29-Mar-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/036,594
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Arnold E., Belh
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-026.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 207 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-820-596-2

Query Match 98.9%; Score 1085; DB 9; Length 207;
Best Local Similarity 99.5%; Pred. No. 1.8e-101;

Matches 205; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MYSAPSACTCLCHFLLCFOVQVLAENVDFRIHVENOTRADVSRKQLRLYQLYSR 60
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DB 1 MYSAPSACTCLCHFLLCFOVQVLAENVDFRIHVENOTRADVSRKQLRLYQLYSR 60
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QY 61 TSGKHIOVLGRIRISARGEDGDKYAQLLVETDFGSOVRIGKETEFLYLCMNRKGLVGP 120
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DB 61 TSGKHIOVLGRIRISARGEDGDKYAQLLVETDFGSOVRIGKETEFLYLCMNRKGLVGP 120
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QY 121 DGTSECVFLEKYLENNYALMSAKYSGWYGFTRKGRPKRGPRTRENQDVHMKRYPK 180
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DB 121 DGTSECVFLEKYLENNYALMSAKYSGWYGFTRKGRPKRGPRTRENQDVHMKRYPK 180
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QY 181 GQPELOKPKYTYTKRSRIRPTHP 206
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DB 181 GQPELOKPKYTYTKRSRIRPTHP 206
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RESULT 6

US-10-081-347-39
Sequence 39, Application US/10081347
Publication No. US20030008351A1
GENERAL INFORMATION:
APPLICANT: Delsner, Theresa A.
APPLICANT: Conklin, Darrell C.
APPLICANT: Raymond, Fenella R.
APPLICANT: Bukowski, Thomas R.
APPLICANT: Holderman, Susan D.
APPLICANT: Hansen, Birgit
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: NOVEL FGF HOMOLOGS
FILE REFERENCE: 96-20C1
CURRENT APPLICATION NUMBER: US/10/081,347
CURRENT FILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: US/09/229,947
NUMBER OF SEQ ID NOS: 43
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 39
LENGTH: 207
TYPE: PRT

ORGANISM: Mus musculus
US-10-081-347-39

Query Match 98.5%; Score 1081; DB 9; Length 207;
Best Local Similarity 99.0%; Pred. No. 4.7e-101;
Matches 204; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MYSAPSACTCLCHFLLCFOVQVLAENVDFRIHVENOTRADVSRKQLRLYQLYSR 60
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DB 1 MYSAPSACTCLCHFLLCFOVQVLAENVDFRIHVENOTRADVSRKQLRLYQLYSR 60
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QY 61 TSGKHIOVLGRIRISARGEDGDKYAQLLVETDFGSOVRIGKETEFLYLCMNRKGLVGP 120
|||||
DB 61 TSGKHIOVLGRIRISARGEDGDKYAQLLVETDFGSOVRIGKETEFLYLCMNRKGLVGP 120
|||||
QY 121 DGTSECVFLEKYLENNYALMSAKYSGWYGFTRKGRPKRGPRTRENQDVHMKRYPK 180
|||||
DB 121 DGTSECVFLEKYLENNYALMSAKYSGWYGFTRKGRPKRGPRTRENQDVHMKRYPK 180
|||||
QY 181 GQPELOKPKYTYTKRSRIRPTHP 206
|||||
DB 181 GQPELOKPKYTYTKRSRIRPTHP 206
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RESULT 7

US-09-820-596-5
Sequence 5, Application US/09820596
Publication No. US20030022170A1
GENERAL INFORMATION:
APPLICANT: Khodadoust, Mehran Mohammad
TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTORS AND
THERAPEUTIC AND DIAGNOSTIC USES THEREFOR
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESSES:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/820,596
FILING DATE: 29-Mar-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/036,594
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Arnold E., Belh
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-026.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 207 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-820-596-5

Query Match 98.5%; Score 1081; DB 9; Length 207;

Best Local Similarity 99.0%; Pred. No. 4.7e-101;

Matches 204; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MYSAPSACTCLCHFLLCFOVQVLAENVDFRIHVENOTRADVSRKQLRLYQLYSR 60
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Db      1  MVSAPACGTCIACHTFLLLCFQVOVLAAEENVDRRIHVENOTBARDOVSRKQLRYOLXSR   60
OY      61  TSGKHIOVLGRRISAGGEDGDKYAOLLVETDFTFGSOVRIGKETFEYYLCANNRGKLVGKP   120
Db      61  TSGKHIOVLGRRISAGGEDGDKYAOLLVETDFTFGSOVRIGKETFEYYLCANNRGKLVGKP   120
OY      121 DGTSGKCVTFLEKYLENNNYTALMSAKYSGWYVGFTKKGRPRKGPKTRNODDVHFMRKYPK   180
Db      121 DGTSGKCVTFLEKYLENNNYTALMSAKYSGWYVGFTKKGRPRKGPKTRNODDVHFMRKYPK   180
OY      181 GQPELOKPFKYTTVTKRSTRIRPTHP   206
Db      181 GOAELOKPFKYTTVTKRSTRIRPTHP   206

RESULT 8
US-09-901-938-28
; Sequence 28, Application US/09901938
; Patent No. US20020156001A1
; GENERAL INFORMATION:
; APPLICANT: ECONS, Michael
; APPLICANT: WHITE, Kenneth
; APPLICANT: STROM, Tim
; APPLICANT: METTINGER, Thomas
; TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTOR (FGF23) AND METHODS FOR USE
; FILE REFERENCE: 053884-5001
; CURRENT APPLICATION NUMBER: US/09/901,938
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/219,137
; PRIOR FILING DATE: 2000-07-19
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 28
; LENGTH: 137
; TYPE: PRT
; ORGANISM: Homo Sapiens
US-09-901-938-28

Query Match          64.9%; Score 712; DB 9; Length 137;
Best Local Similarity 98.5%; Pred. Nsm. 3.6e-64;
Matches 135; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

OY      47  VSRKQLRLYOLYRSRSGKHIOVLGRRISARGEDGDKYAOLLVETDFTFGSOVRIGKETFEY   106
Db      1  VSRKQLRLYOLYRSRSGKHIOVLGRRISARGEDGDKYAOLLVETDFTFGSOVRIGKETFEY   106
OY      107 YLCMNRKCKILVGPDTGSKCEVFIEKYLENNYTALMSAKYSGWYVGFTKKGRPRKGPKTR   166
Db      61  YLCMNRKCKILVGPDTGSKCEVFIEKYLENNYTALMSAKYSGWYVGFTKKGRPRKGPKTR   120
OY      167 ENOODVHFMRKRYPKQP   183
Db      121 ENOODVHFMRKRYPKQP   137

RESULT 9
US-09-251-263-6
; Sequence 6, Application US/09251263
; Patent No. US20020052477A1
; GENERAL INFORMATION:
; APPLICANT: Nathans, Jeremy
; APPLICANT: Smallwood, Philip M.
; APPLICANT: Macke, Jennifer P.
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR HOMOLOGOUS
; TITLE OF INVENTION: FACTOR-1 (FHf-1) AND METHODS OF USE
; FILE REFERENCE: 07265/047003
; CURRENT APPLICATION NUMBER: US/09/251,263
; CURRENT FILING DATE: 1999-02-16
; EARLIER APPLICATION NUMBER: 08/867,471
; EARLIER FILING DATE: 1997-06-02
; EARLIER APPLICATION NUMBER: 08/439,725
; EARLIER FILING DATE: 1995-05-12
; NUMBER OF SEQ ID NOS: 15

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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 215
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-251-263-6

Query Match          54.3%; Score 596; DB 10; Length 215;
Best Local Similarity 57.8%; Pred. No. 3,1e-52;
Matches 111; Conservative 35; Mismatches 44; Indels 2; Gaps 2;

QY      1 MYSAPSACTCLCHFLFLLCFQVQVLVAEENVPFRHVENQTGRARDVDVSRKRLYLQLSR 60
Dd      1 MSGPRRALSGLLHLHLVLCGLQAQVTV-QSPNFTQIVRRGSLVTQQLSKRLIRTYQLISR 59
QY      61 TSGKHQIQLV-GRRISARGEDGDKYAQLAVETDTFGSQRVRIKGETEFYLCMNRKKLVGK 119
Dd      60 TSGKHQVQVLANKRKINAMADGDPFAKLIVETDTFGSQRVRVRAETGLYCMNRKKGLIAK 119
QY      120 PDGTSECEVFIEIKLENNNTALMSAKYSGWYGFTKRKGPRRGPTRENOGVHFMRKRP 179
Dd      120 SNKGKDCVCYLELLENNTYTLAQNAKEGWMATFKRGPRKGSXTROHQREVHKRLP 179
QY      180 KGQPELDQKPCKY 191
Dd      180 RGHHTTEQSLERF 191

RESULT 10
US-09-820-596-11
; Sequence 11, Application US/09820596
; Publication No. US20030022170A1
GENERAL INFORMATION:
APPLICANT: Knodadoust, Mehran Mohammad
TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTORS AND
THERAPEUTIC AND DIAGNOSTIC USES THEREFOR
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HONG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/820,596
FILING DATE: 29-Mar-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/036,594
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Arnold E., Beth
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MTA-026.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 215 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-820-596-11

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Best Local Similarity 57.3%, Pred. No. 9,76-52; Indels 2; Gaps 2.
Matches 110; Conservative 35; Mismatches 45;

```

RESULT 11
US-09-425-021-16
: Sequence 16, Application US/09425021
: Patent No. US20020076748A1
: GENERAL INFORMATION:
: APPLICANT: Greene, John M.
: APPLICANT: Rosen, Craig A.
: TITLE OF INVENTION: Fibroblast Growth Factor 15
: FILE REFERENCE: PF203D1
: CURRENT APPLICATION NUMBER: US/09/425,021
: CURRENT FILING DATE: 1999-10-25
: EARLIER APPLICATION NUMBER: 09/103,079
: EARLIER FILING DATE: 1998-06-23
: NUMBER OF SEQ. ID NOS.: 32
: SOFTWARE: patentIn Ver. 2.0
: SEQ. ID NO 16
: LENGTH: 215
: TYPE: PRT
: ORGANISM: Homo sapiens
: US-09-425-021-16

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	Query Match	53.9% Best Local Similarity	Score 591; 57.3% Pred. No. 9.7e-52;	DB 10; 35; Conservative	Length 215; 45; Matches 110;	Indels 2; Gaps 2;
QY	1	MYSPASACTCLHFLLCFQVOYLVAEENVDFIRIHVENQTRARDVSGKOLRLYQLYSR	60	1	1	1
Db	1	MGSPRSALSLCHLHDLVLCIAQAVTV-QSPNFTQHVAREQSLVTDQLSRRLRTIQOLYSR	59	1	1	1
QY	61	TSGKHIOYL-GRRISSAREDDGDKYAQLLVETDFSSQVRIKGEETFEFLCMNRKCKLKY	119	1	1	1
Db	60	TSGHHVOYLAKRRINAMAEEDDPFKLLVETDFSSRRVRRAEFLGYICMNRKCKLLAK	119	1	1	1
QY	120	PDGTSKECVFEIYEKLNNYLTALMSAKYSGAVVGFKKGRPRGKTRFRENQOOVHEMKRRP	179	1	1	1
Db	120	SNKGKDCOVFEIYEVLNNYLTALQNAKYGWIMAFIRKGRPRKGSKTROHQRVHEHMKRLP	179	1	1	1
QY	180	KGQPELOKPEFY 191		1	1	1
Db	180	RGHHTTEQSLRF 191		1	1	1

RESULT 12
US-09-749-728B-63
Sequence 63 Application US/09749728B
Patent No. US20020142457A1
GENERAL INFORMATION:
APPLICANT: Umezawa, Akihiro
APPLICANT: Hata, Jun-ichi
APPLICANT: Fukuda, Keiichi
APPLICANT: Ogawa, Satoshi
APPLICANT: Sakurada, Kazuhiro
APPLICANT: Gojo, Satoshi

```

1  APPLICANT: Yamada, Yoji
2  TITLE OF INVENTION: THE CELL HAVING THE POTENTIALITY OF DIFFERENTIATION INFO CARD
3  FILE REFERENCE: 00766,000043
4  CURRENT APPLICATION NUMBER: US/09/749,728B
5  CURRENT FILING DATE: 2001-09-17
6  PRIOR APPLICATION NUMBER: H11-372826
7  PRIOR FILING DATE: 1999-12-28
8  PRIOR APPLICATION NUMBER: PCT-JP00-01148
9  PRIOR FILING DATE: 2000-02-28
10 PRIOR APPLICATION NUMBER: PCT-JP00-07741
11 PRIOR FILING DATE: 2000-11-02
12 NUMBER OF SEQ ID NOS: 80
13 SOFTWARE: PatentIn Ver.2.0
14 SEQ ID NO 63
15 LENGTH: 215
16 TYPE: PRT
17 ORGANISM: Homo sapiens
18 US-09-749-728B-63

```

[illegible]

```

RESULT 13
US-09-822-485-20
: Sequence 20, Application US/09822485
: Patent No. US20020001825A1
: GENERAL INFORMATION:
: APPLICANT: Itch, No. US20020001825A1uyuki
: TITLE OF INVENTION: No. US20020001825A1el Fibroblast Growth Factor-Like Polypepti
: FILE REFERENCE: 08035_0001-01000
: CURRENT APPLICATION NUMBER: US/09/822,485
: CURRENT FILING DATE: 2001-04-02
: NUMBER OF SEQ ID NOS: 35
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 20
: LENGTH: 220
: TYPE: PRT
: ORGANISM: Homo sapiens
: US-09-822-485-20

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	Query Match	52.1%;	Score 571;	DB 10;	Length 220;	
	Best Local Similarity	54.1%;	Pred. No. 1e-49;			
	Matches 112:	Conservative 38;	Mismatches 39;	Indels 18;	Gaps 4;	
QY	11 LCLHFLLCFOVQVLVAEEN--VDRIHAVENQTRARDVDVKSKRLLYOLYSRTSGKHQ	67				
Dd	16 LCGLILLICCGQTQ----GENHPSPFNQYVRDQGAMTLDLSRQLREYGLYSRTSSKHH	71				
QY	68 VLGRRISARGEDGKYAQLLVETDTFGSQVRIKGKETEFELYLGMNRKGLVGRPDGTSKKC	127				
Dd	72 VTGRISAATAEDEGNKFALIVETDFEGFSRVIRIKGAHESEKIYIMNKRKGIKGRPSGSKNC	131				
QY	128 VFIEKVELNNNTALMSAKYSGWYGFYTKGRPRKGPPTRENQDVHFMRPKPQGQ-----	182				
Dd	132 VETTELVENNTAFPCNAHEGFMATFROGAPRPARSRSONORLHAFTIKRIYOGOLPPNP	191				

; PRIOR APPLICATION NUMBER: 60/059588
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/062285
 ; PRIOR FILING DATE: 1997-10-17
 ; PRIOR APPLICATION NUMBER: 60/062816
 ; PRIOR FILING DATE: 1997-10-24
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 ; PRIOR FILING DATE: 1997-11-25
 ; PRIOR APPLICATION NUMBER: 60/069694
 ; PRIOR FILING DATE: 1997-12-16
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 ; PRIOR FILING DATE: 1998-02-09
 ; PRIOR APPLICATION NUMBER: 60/074092
 ; PRIOR FILING DATE: 1998-02-09
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 ; PRIOR FILING DATE: 1998-03-25
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 ; PRIOR FILING DATE: 2001-03-14
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 ; PRIOR APPLICATION NUMBER: 09/886342
 ; PRIOR FILING DATE: 2001-06-19
 ; PRIOR APPLICATION NUMBER: PCT/US98/14552
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 ; PRIOR APPLICATION NUMBER: PCT/US98/19093
 ; PRIOR FILING DATE: 1998-09-14
 ; PRIOR APPLICATION NUMBER: PCT/US98/19330
 ; PRIOR FILING DATE: 1998-09-16
 ; PRIOR APPLICATION NUMBER: PCT/US98/19437
 ; PRIOR FILING DATE: 1998-09-17
 ; PRIOR APPLICATION NUMBER: PCT/US98/24855
 ; PRIOR FILING DATE: 1998-11-20
 ; PRIOR APPLICATION NUMBER: PCT/US98/25108
 ; PRIOR FILING DATE: 1998-12-01

